

**REMARKS**

**I. Claim Status**

Reconsideration of the application is respectfully requested. Prior to this Amendment, claims 1-29 were pending. Claims 16-20 have been cancelled without prejudice or disclaimer, subsequent to their being withdrawn from consideration by the Examiner as directed to non-elected subject matter. Applicant specifically reserves the right to file one or more divisional application directed to the subject matter of the cancelled claims.

Claims 1, 21, 26, and 27 have been amended to correct certain informalities and to improve clarity. The respective scopes of claims 1, 21, 26 and 27 are unchanged. Thus, these amendments do not add new matter, and they do not necessitate further searching on the part of the Examiner.

Withdrawn claims 13 and 15 have been amended to include all of the features of the claims from which they depend and to clarify the claimed subject matter, by using language that parallels the claims from which they depend, either directly or indirectly. No new matter is added by these amendments.

New claims 30-35 have been added. Support for the new claims is found throughout the specification, e.g., at page 32, lines 18-22; page 33, lines 9-15; page 34, line 16 through page 35, line 5; page 37, lines 16-18; and page 34, line 24. The Examiner indicated during a telephonic interview conducted on February 27, 2007, discussed *infra*, that the new claims would be entered.

By this Amendment, no new matter has been added to the application.

Upon entry of this Amendment, claims 1-15 and 21-36 are pending.

**II. Examiner Interview**

The Examiner conducted a telephonic interview with the undersigned attorney on February 27, 2007. The Examiner is thanked for the courtesies extended during the interview. During the interview, agreement was reached on amendments that would put the claims in

condition for allowance. The Examiner also provisionally agreed to give favorable consideration to rejoinder of claims 13-15 and entry of new claims directed to the subject matter of claims 30-35. The Examiner is thanked for considering these claims. The claims presented by this Amendment are believed to adopt the Examiner's suggestions made during the interview.

### **III. Claim Objections**

The claim objections noted by the Examiner have been addressed as follows. In claim 1, the word "protelolytic" has been corrected to --proteolytic--. In claims 21 and 26, the designation "Th" has been changed to --T<sub>h</sub>--. In claim 27, the names of bacteria have been italicized and the bacterium incorrectly identified as "*Plasmodium falcipam*" has been correctly identified as --*Plasmodium falciparum*--. All objections are believed to have been addressed and overcome. Withdrawal of all claim rejections is therefore requested.

### **IV. Claim Rejections**

The Examiner has rejected claims 21-29 under 35 U.S.C. § 112, first paragraph, for alleged indefiniteness for reciting that a cleavage product is "derived formed" by proteolytic cleavage. In response, claim 21 has been amended to recite that a peptide cleavage product is "formed by proteolytic cleavage of an amyloid precursor protein." This amendment is believed to clarify the meaning of claim 21 without changing its scope. The amendment is also believed to address and overcome the basis of the present rejection. Reconsideration of the claims and withdrawal of the instant rejection is requested.

### **V. Rejoinder of Claims 13-15**

During the Feb. 27 telephonic interview, the Examiner indicated favorable consideration would be given to a request to rejoin claims 13-15. Elected claims 1-12 and withdrawn claims 13-15 are related as compound and or compositions and methods of using such compounds and compositions. Applicant may as a matter of right request rejoinder of such withdrawn claims that depend from such allowed compound or composition claims or otherwise include all the features and limitations of the allowed claims. Claims 13-15 include all the features of elected claims 1-12. Moreover, claims 13-15 are believed to comply with

requirements of 35 U.S.C. §§ 101 and 112. Rejoinder and allowance of claims 13-15 is respectfully requested.

**VI. Entry of New Claims 30-35**

During the Feb. 27 interview, the Examiner also indicated favorable consideration would be given to a request to enter new claims directed to the subject matter of claims 30-35. Claims 30-35 depend either directly or indirectly from claim 21. No prior art has been cited against claim 21. Thus, claims 30-35 are also free of prior art. Claims 30-35 are also believed to comply with all requirements under sections 101 and 112. Entry and allowance of claims 30-35 is respectfully requested.

**VII. Conclusion**

This application is believed to be in condition for allowance, which is earnestly solicited. If the Examiner believes that there are additional issues to be addressed that can be advanced by an Examiner's Amendment or an interview, the Examiner is cordially invited to contact the undersigned attorney.

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Respectfully submitted,

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